



CITY OF HAYWARD
AGENDA REPORT

AGENDA DATE 06/08/04

AGENDA ITEM 2

WORK SESSION ITEM _____

TO: Mayor and City Council

FROM: Director of Public Works

SUBJECT: The Water System Chloramine Conversion Project Phase II - Approval of Addendum No. 1 and Award of Construction Contract

RECOMMENDATION:

It is recommended that the City Council adopt the attached resolutions that:

1. Approve Addendum No. 1, which makes minor revisions to the plans and specifications and;
2. Award the construction contract to the second lowest bidder, Spiess Construction Company, Inc., in the amount of \$777,700.

BACKGROUND:

On May 4, 2004, the City Council approved the plans and specifications for the Water System Chloramine Conversion Project Phase II and called for bids to be received on May 25, 2004. The Water System Chloramine Conversion Project consists of two main projects -- Reservoir Piping Modifications for Chloramine Conversion and Flow Controls at Aqueducts. The primary goals of these projects are to modify the existing water system and correct the identified potential deficiencies in the existing water distribution systems to minimize the potential negative effects from the SFPUC's Chloramine conversion. In order to maintain proper water circulation and water quality in a chloraminated system and to avoid chemical degradations that can lead to adverse health effects to the public, the projects were divided into two phases. Phase I, consisting of identifying potential deficiencies in the water distribution system, installing mixing systems inside of the reservoirs, and making improvements to the North Walpert Reservoir, has been commenced and is near completion. Phase II includes modification to facilities shown in Exhibit A.

The Phase II modification project includes the replacement of existing pipeline and valves, adding small pumps, and modifying existing equipment. This modification of the existing water circulation system will aid water quality by utilizing automated mechanical equipment to move the water from specific reservoirs to customers at predetermined times. At the end of the pump cycle, fresh water is taken into the tank to maintain storage capacity and water quality.

Seven bids were received ranging from \$699,711 to \$905,180. The low bid was submitted by John Clay General Engineering Contractor Inc., in the amount of \$699,711. The low bidder discovered a mistake in the preparation of the bid by not transferring correct numbers from their bid worksheet to the final bid document. The bidder requested that he be allowed to withdraw and furnished the City with documentation of his error. Staff reviewed his request and supporting documentation, and allowed withdrawal of his bid. The second low bid, submitted by Spiess Construction Company, Inc., in the amount of \$777,700 is approximately 22 percent below the engineer's estimate of \$1,000,000.

The Addendum contains clarifications to the plans and specifications. It was issued primarily to respond to questions raised during the advertisement period.

PROJECT COST:

Initial Design Report	\$ 150,000
Design & Survey	500,000
Construction Phase I	545,000
Construction Phase II	777,700
In-house Construction and PG&E Cost	50,000
Inspection & Administration	<u>100,000</u>
Total:	\$2,122,700

FUNDING:

The 2003-04 Five Year Capital Improvement Program (CIP) includes a total of \$2,350,000 in the Water system Replacement Fund and the Water system Capital Improvement Fund for these projects.

SCHEDULE:

The following tentative project schedule has been developed for the Phase II project:

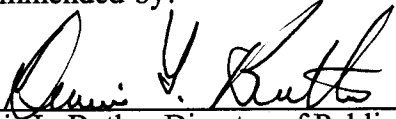
Award Construction Contract	June 8, 2004
Begin Construction	July 1, 2004
Project Construction Completion	May 2005

Prepared by:



Alex Ameri, Deputy Director of Public Works

Recommended by:



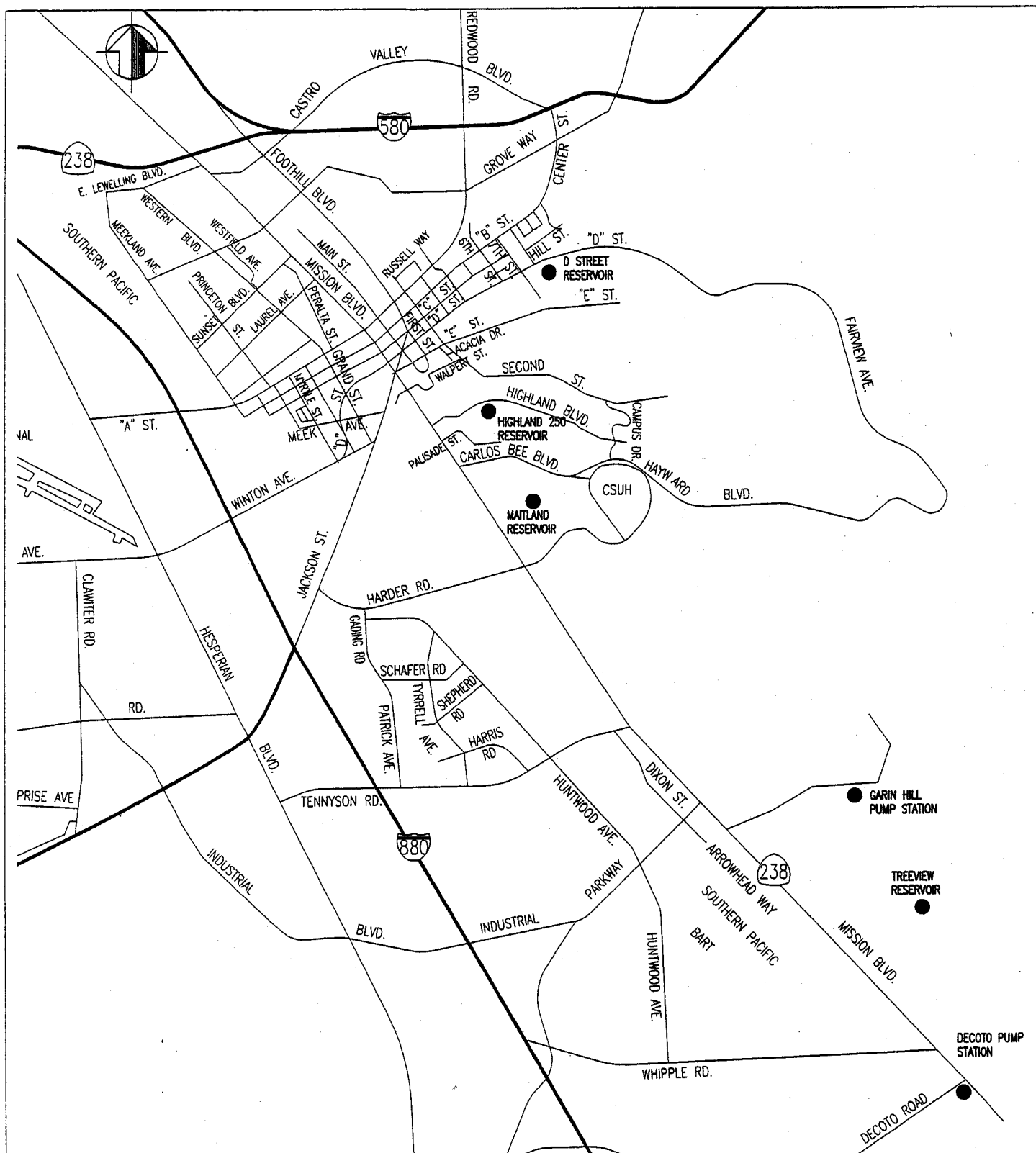
Dennis L. Butler, Director of Public Works

Approved by:



Jesús Armas, City Manager

Attachment: Exhibit A - Project Location Map
Exhibit B - Bid Summary



LEGEND: ● PROJECT LOCATION

PROJECT LOCATION MAP

WATER SYSTEM CHLORAMINE CONVERSION PROJECT
PHASE II, PROJECT NOS. 622-7022 & 623-7158

EXHIBIT "A"

CITY OF HAYWARD
 WATER SYSTEM CHLORAMINE CONVERSION PROJECT PHASE II
 Improvements to Six Facilities in the 250 Pressure Zone
 PROJECT NOS. 7022 AND 7158
 BIDS OPENED: May 25, 2004

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(NUMBER OF BIDS RECEIVED - 7)

BID SUMMARY				ENGINEER'S ESTIMATE		JOHN CLAY GENERAL ENGINEERING CONTR. 778 MARIN AVENUE HAYWARD CA 94541-6158 510-783-5820 510-783-5939	PHONE 805-937-5859 FAX 805-934-4432	SPIESS CONSTR CO P.O. BOX 2849 SANTA MARIA CA 93457 805-937-5859 805-934-4432	PHONE 925-249-0011 FAX 925-249-0009	PACIFIC INFRASTRUCTURE 2134 RHEEM DRIVE #C PLEASANTON CA 94588 925-249-0011 925-249-0009	PHONE FAX
ITEM	QTY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1.	1	LS	MOBILIZATION COMPLETE AS SPECIFIED FOR THE LUMP SUM PRICE OF (NOT TO EXCEED 3 PERCENT OF THE TOTAL BASE BID)	25,000.00	25,000.00	20,100.00	20,100.00	20,000.00	20,000.00	26,000.00	26,000.00
2.	1	LS	SHEETING, SHORING, AND BRACING OF PIPELINE TRENCHES COMPLETE AS SHOWN AND SPECIFIED	15,000.00	15,000.00	2,500.00	2,500.00	5,700.00	5,700.00	3,000.00	3,000.00
3.	1	LS	IMPROVEMENTS TO "D" STREET RESERVOIR SITE, COMPLETE AS SHOWN AND SPECIFIED	150,000.00	150,000.00	113,395.00	113,395.00	108,000.00	108,000.00	100,000.00	100,000.00
4.	1	LS	IMPROVEMENTS TO MAITLAND RESERVOIR SITE, COMPLETE AS SHOWN AND SPECIFIED	140,000.00	140,000.00	88,740.00	88,740.00	87,300.00	87,300.00	90,000.00	90,000.00
5.	1	LS	IMPROVEMENTS TO TREEVIEW RESERVOIR SITE, COMPLETE AS SHOWN AND SPECIFIED	165,000.00	165,000.00	122,510.00	122,510.00	112,125.00	112,125.00	150,000.00	150,000.00
6.	1	LS	IMPROVEMENTS TO HIGHLAND 250' ZONE RESERVOIR SITE, COMPLETE AS SHOWN AND SPECIFIED	230,000.00	230,000.00	151,415.00	151,415.00	185,675.00	185,675.00	200,000.00	200,000.00
7.	1	LS	IMPROVEMENTS TO GARIN HILLS PUMP STATION SITE, COMPLETE AS SHOWN AND SPECIFIED	95,000.00	95,000.00	67,130.00	67,130.00	56,500.00	56,500.00	60,000.00	60,000.00
8.	1	LS	IMPROVEMENTS TO DECOTO PUMP STATION, COMPLETE AS SHOWN AND SPECIFIED	130,000.00	130,000.00	74,121.00	74,121.00	142,400.00	142,400.00	184,000.00	184,000.00
9.	1	LS	ADMINISTRATIVE CHANGE ORDERS	60,000.00	60,000.00	60,000.00	60,000.00	60,000.00	60,000.00	60,000.00	60,000.00
TOTAL				1,010,000.00		699,911.00		777,700.00		873,000.00	

EXHIBIT B

CITY OF HAYWARD
WATER SYSTEM CHLORAMINE CONVERSION PROJECT PHASE II
Improvements to Six Facilities in the 250 Pressure Zone
PROJECT NOS. 7022 AND 7158
BIDS OPENED: May 25, 2004

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(NUMBER OF BIDS RECEIVED - 7)

BID SUMMARY				ENGINEER'S ESTIMATE		BAMER CONSTR. CO.		DW NICHOLSON CORP		PROVEN MANAGEMENT		GSE CONSTR. CO INC	
						3137 CASTRO VALLEY BL #20 CASTRO VALLEY CA 94546 510-886-7706 PHONE 510-886-4131 FAX		24747 CLAWITER ROAD HAYWARD CA 94545 510-887-0900 PHONE 510-783-9948 FAX		501 CESAR CHAVES BL #204E SAN FRANCISCO CA 94124 415-642-3366 PHONE 415-642-3361 FAX		1020 SHANNON COURT LIVERMORE CA 94550 925-447-0292 PHONE 925-447-0962 FAX	
ITEM	QTY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1.	1	LS	MOBILIZATION COMPLETE AS SPECIFIED FOR THE LUMP SUM PRICE OF (NOT TO EXCEED 3 PERCENT OF THE TOTAL BASE BID)	25,000.00	25,000.00	25,000.00	25,000.00	27,000.00	27,000.00	25,000.00	25,000.00	40,700.00	40,700.00
2.	1	LS	SHEETING, SHORING, AND BRACING OF PIPELINE TRENCHES COMPLETE AS SHOWN AND SPECIFIED	15,000.00	15,000.00	36,360.00	36,360.00	5,000.00	5,000.00	50,000.00	50,000.00	27,753.00	27,753.00
3.	1	LS	IMPROVEMENTS TO "D" STREET RESERVOIR SITE, COMPLETE AS SHOWN AND SPECIFIED	150,000.00	150,000.00	84,700.00	84,700.00	124,000.00	124,000.00	114,202.00	114,202.00	116,446.00	116,446.00
4.	1	LS	IMPROVEMENTS TO MAITLAND RESERVOIR SITE, COMPLETE AS SHOWN AND SPECIFIED	140,000.00	140,000.00	85,000.00	85,000.00	105,000.00	105,000.00	108,000.00	108,000.00	94,017.00	94,017.00
5.	1	LS	IMPROVEMENTS TO TREEVIEW RESERVOIR SITE, COMPLETE AS SHOWN AND SPECIFIED	165,000.00	165,000.00	110,000.00	110,000.00	146,000.00	146,000.00	111,200.00	111,200.00	128,149.00	128,149.00
6.	1	LS	IMPROVEMENTS TO HIGHLAND 250' ZONE RESERVOIR SITE, COMPLETE AS SHOWN AND SPECIFIED	230,000.00	230,000.00	73,800.00	73,800.00	215,000.00	215,000.00	138,000.00	138,000.00	179,655.00	179,655.00
7.	1	LS	IMPROVEMENTS TO GARIN HILLS PUMP STATION SITE, COMPLETE AS SHOWN AND SPECIFIED	95,000.00	95,000.00	65,800.00	65,800.00	52,000.00	52,000.00	77,000.00	77,000.00	61,961.00	61,961.00
8.	1	LS	IMPROVEMENTS TO DECOTO PUMP STATION, COMPLETE AS SHOWN AND SPECIFIED	130,000.00	130,000.00	343,700.00	343,700.00	158,000.00	158,000.00	213,000.00	213,000.00	196,499.00	196,499.00
9.	1	LS	ADMINISTRATIVE CHANGE ORDERS	60,000.00	60,000.00	60,000.00	60,000.00	60,000.00	60,000.00	60,000.00	60,000.00	60,000.00	60,000.00
TOTAL				1,010,000.00		884,360.00		892,000.00		896,402.00		905,180.00	

EXHIBIT B

NH
6/2/04

HAYWARD CITY COUNCIL

RESOLUTION NO. 04-

Introduced by Council Member _____

RESOLUTION APPROVING ADDENDUM NO. 1 AND
AWARDING CONTRACT TO THE SECOND LOWEST
BIDDER, SPIESS CONSTRUCTION COMPANY, INC., FOR
THE WATER SYSTEM CHLORAMINE CONVERSION
PROJECT PHASE II, PROJECT NOS. 7022 & 7158

WHEREAS, on May 4, 2004, the City Council approved the plans and specifications for the Water System Chloramine Conversion Project Phase II, Project Nos. 7022 & 7158, and called for bids to be received on May 25, 2004; and

WHEREAS, Addendum No. 1 contains clarifications to the plans and specifications issued to respond to questions raised during the advertisement period; and

WHEREAS, on May 25, 2004, seven bids were received ranging from \$699,711 to \$905,180; Clay General Engineering Contractor Inc., submitted the lowest bid in the amount of \$699,711, however, discovered an error in preparation of the bid and requested that they be allowed to withdraw; and

WHEREAS, Spiess Construction Company, Inc., submitted the second lowest bid in the amount of \$ 777,700, which is approximately 22 percent below the Engineer's estimate of \$1,000,000.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Hayward that Addendum No. 1 are hereby approved and adopted as part of the plans and specifications for the project.

BE IT FURTHER RESOLVED that the second lowest bidder, Spiess Construction Company, Inc., is hereby awarded the contract for the Water System Chloramine Conversion Project, Phase II, Project Nos. 7022 & 7158, in accordance with the plans and specifications adopted therefor and on file in the office of the City Clerk of the City of Hayward, at and for the price named and stated in the bid of the hereinabove specified bidder, and all other bids are hereby rejected.

BE IT FURTHER RESOLVED that the City Manager is hereby authorized and directed to execute the contract with Spiess Construction Company, Inc., in the name of and for and on behalf of the City of Hayward, in a form to be approved by the City Attorney.

IN COUNCIL, HAYWARD, CALIFORNIA _____, 2004

ADOPTED BY THE FOLLOWING VOTE:

AYES: COUNCIL MEMBERS:

MAYOR:

NOES: COUNCIL MEMBERS:

ABSTAIN: COUNCIL MEMBERS:

ABSENT: COUNCIL MEMBERS:

ATTEST: _____
City Clerk of the City of Hayward

APPROVED AS TO FORM:

City Attorney of the City of Hayward